

FIG. 1

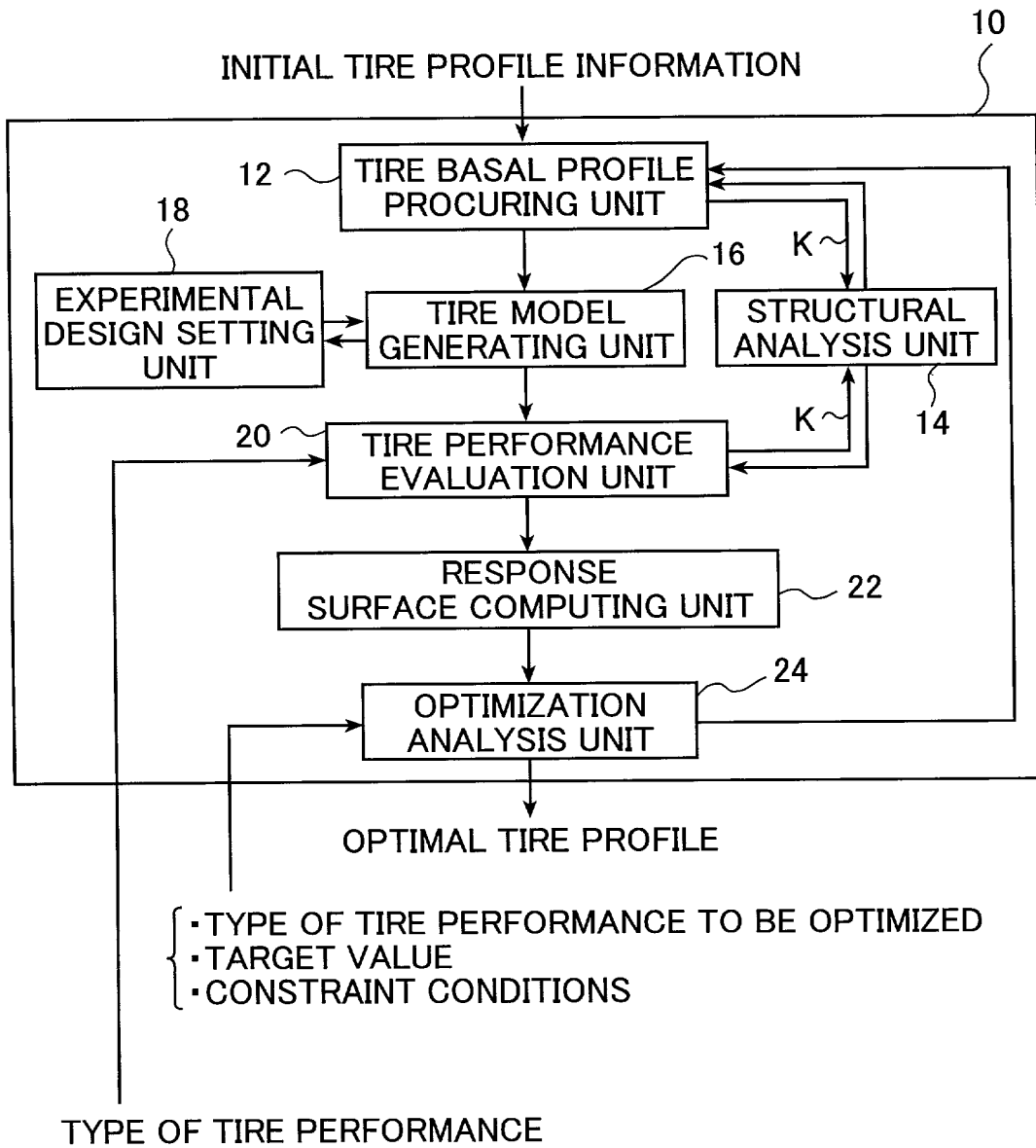


FIG. 2A

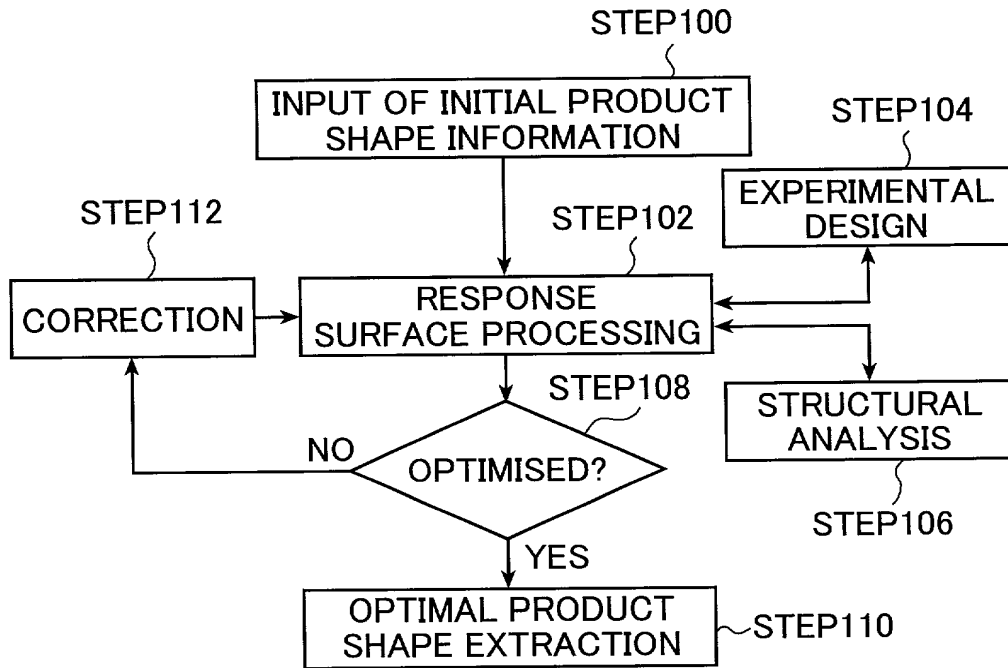


FIG. 2B
PRIOR ART

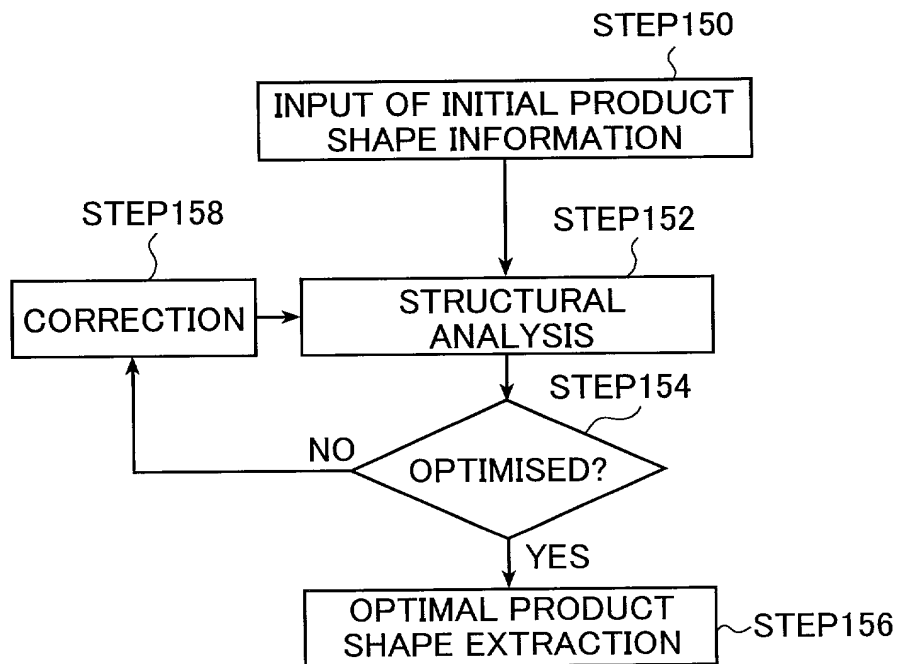


FIG. 3

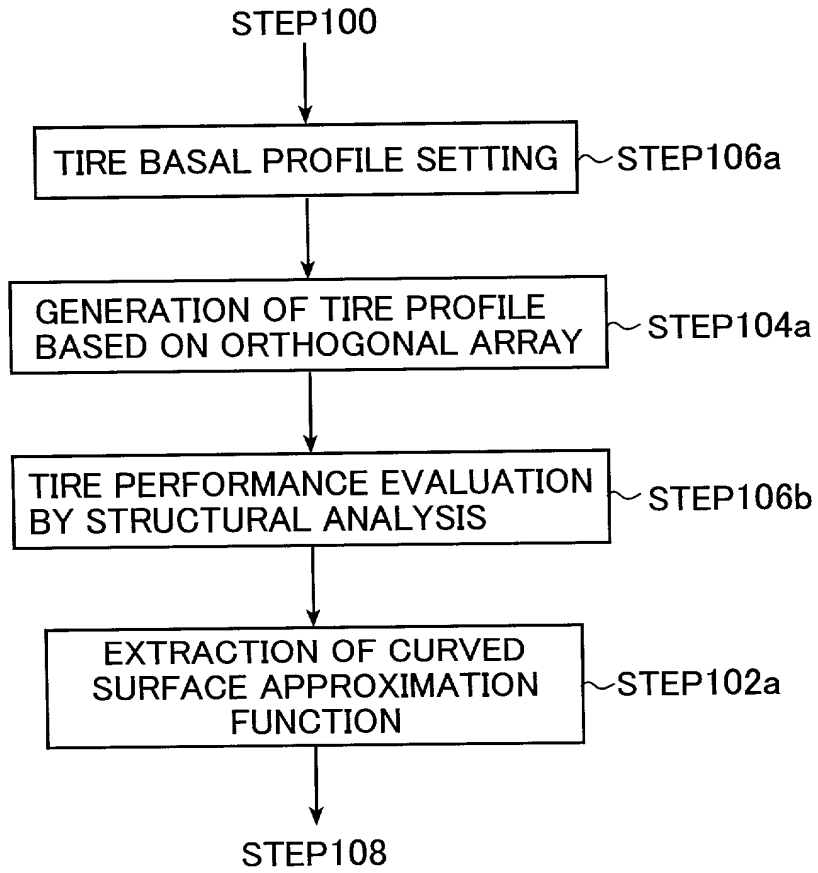


FIG. 4A

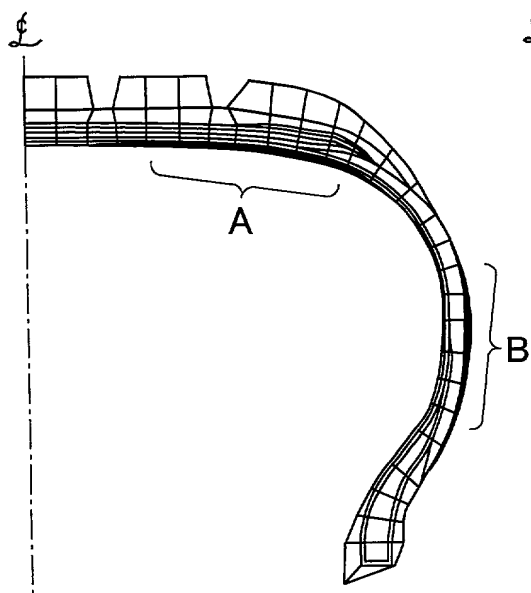


FIG. 4B

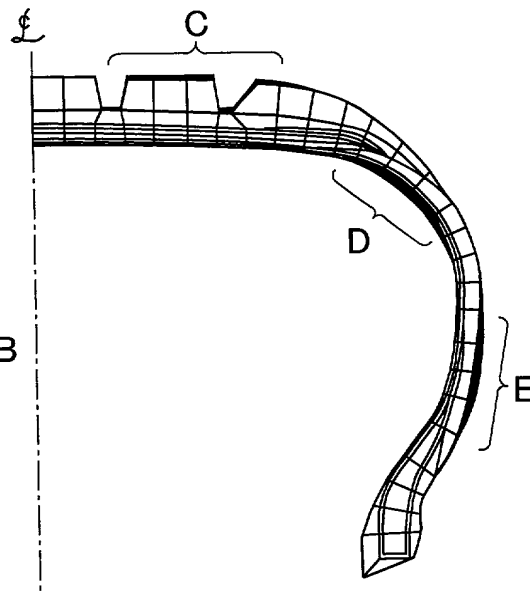


FIG. 4C

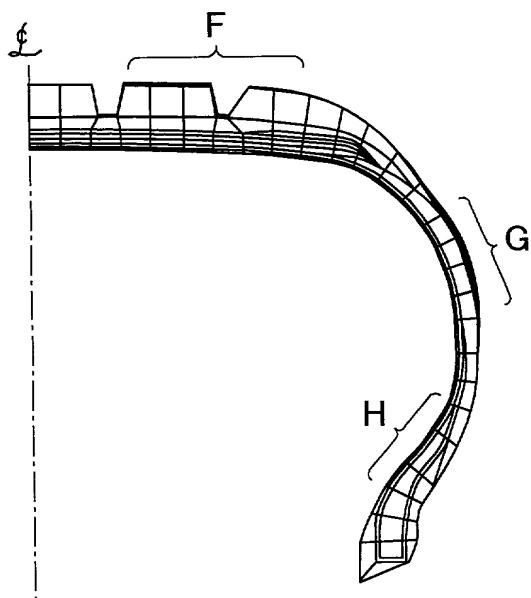
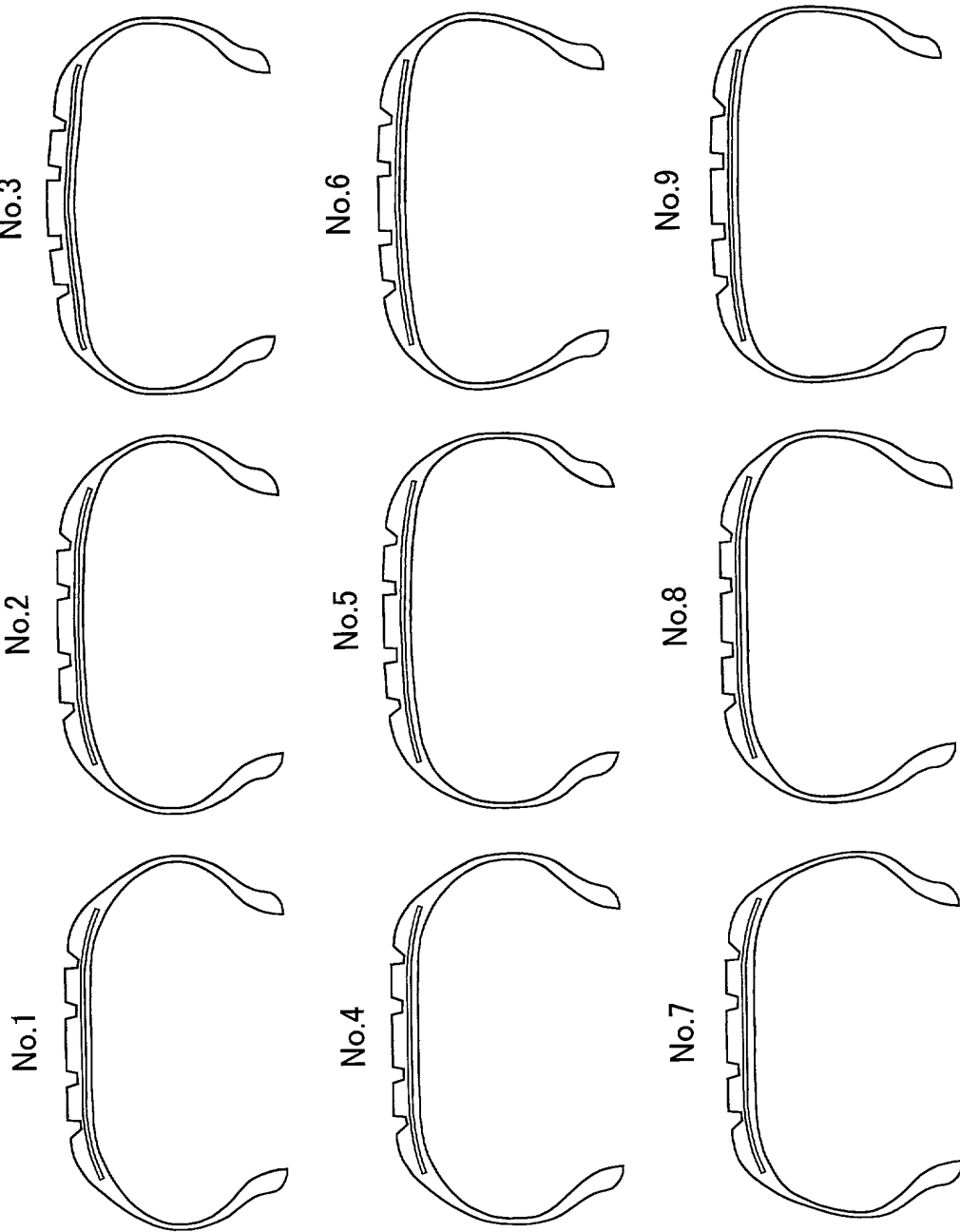
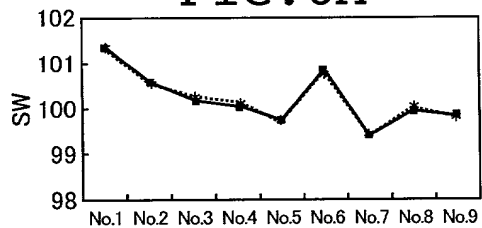


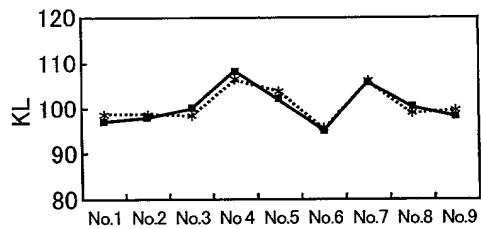
FIG. 5



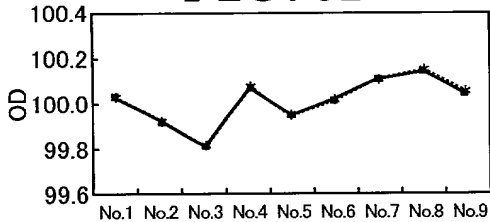
No.	SW (mm)
No.1	101.4
No.2	100.6
No.3	100.2
No.4	100.1
No.5	99.8
No.6	100.9
No.7	99.5
No.8	100.0
No.9	99.9



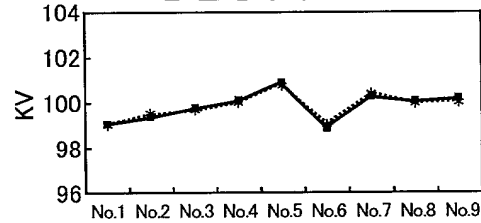
Na.	KL (Solid line, 'x')	KL (Dotted line, '+')
Na.1	98	98
Na.2	98	98
Na.3	100	98
Na.4	108	108
Na.5	103	103
Na.6	96	96
Na.7	106	106
Na.8	100	100
Na.9	99	99



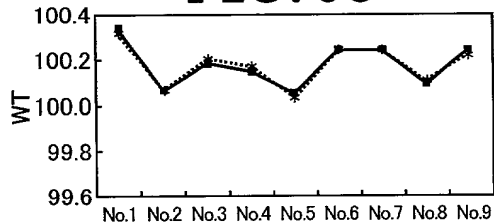
Generation	OD
No.1	100.03
No.2	99.93
No.3	99.82
No.4	100.08
No.5	99.96
No.6	100.02
No.7	100.13
No.8	100.17
No.9	100.07



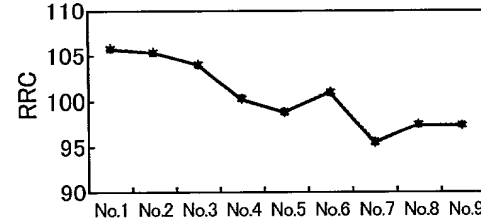
No.	KV
No.1	99.1
No.2	99.5
No.3	99.8
No.4	100.0
No.5	101.0
No.6	99.0
No.7	100.3
No.8	100.0
No.9	100.1



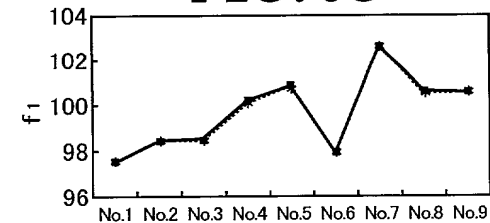
Day	WT (g)	Mutant (g)
No.1	100.35	100.35
No.2	100.08	100.08
No.3	100.20	100.20
No.4	100.18	100.18
No.5	100.05	100.05
No.6	100.25	100.25
No.7	100.25	100.25
No.8	100.12	100.12
No.9	100.25	100.25



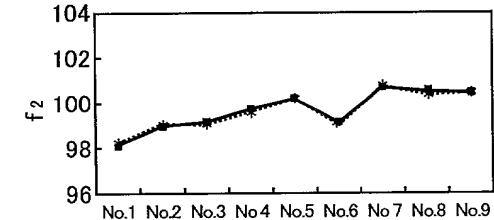
Node Number	RRC
No.1	106
No.2	105.5
No.3	104.5
No.4	100.5
No.5	99
No.6	101
No.7	95.5
No.8	97.5
No.9	97.5



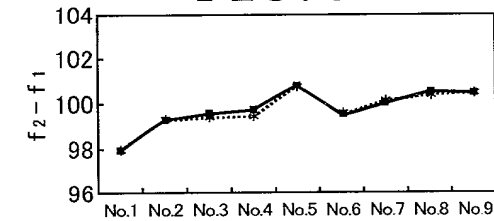
Dataset	F1 score
No.1	97.7
No.2	98.5
No.3	98.5
No.4	100.2
No.5	101.0
No.6	98.1
No.7	102.7
No.8	100.7
No.9	100.7



Particle Number	f_2 (Solid Line, Solid Circles)	f_2 (Dashed Line, Open Circles)
No.1	98.2	98.4
No.2	99.0	99.0
No.3	99.2	99.2
No.4	99.8	99.6
No.5	100.2	100.0
No.6	99.2	99.2
No.7	100.8	100.6
No.8	100.6	100.4
No.9	100.5	100.5



Iteration	$f_2 - f_1$ (Solid Line)	$f_2 - f_1$ (Dashed Line)
No.1	98.0	98.0
No.2	99.5	99.5
No.3	99.8	99.5
No.4	100.0	99.8
No.5	101.0	101.0
No.6	99.8	99.8
No.7	100.2	100.2
No.8	100.5	100.5
No.9	100.5	100.5





 FEM
 RSM

FIG. 7A

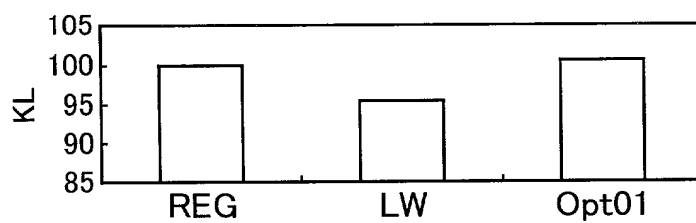


FIG. 7B

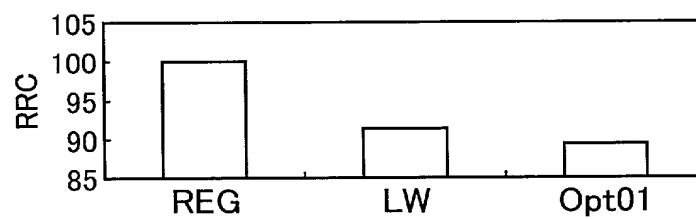


FIG. 7C

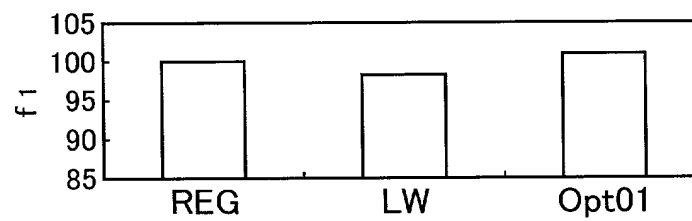


FIG. 7D

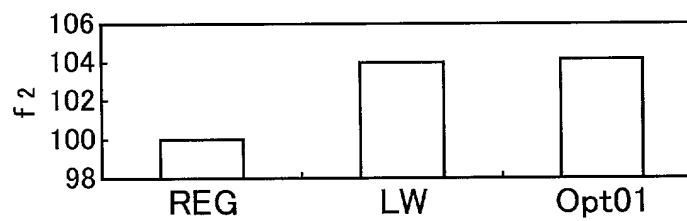


FIG. 8A

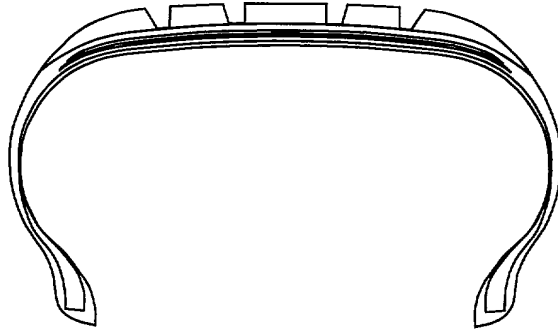


FIG. 8B

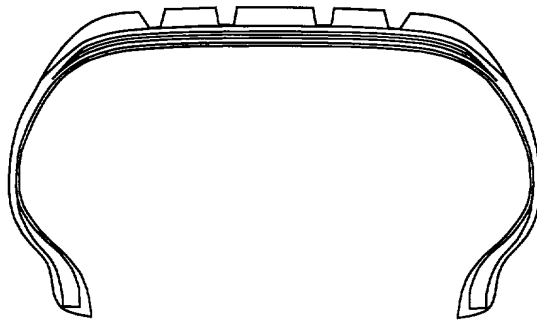


FIG. 9A
PRIOR ART

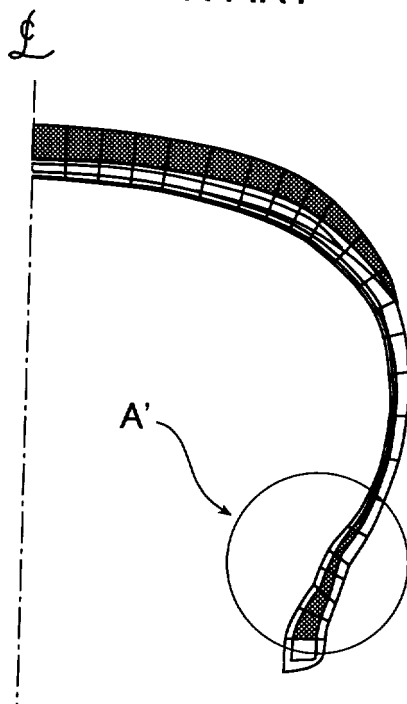


FIG. 9B
PRIOR ART

